

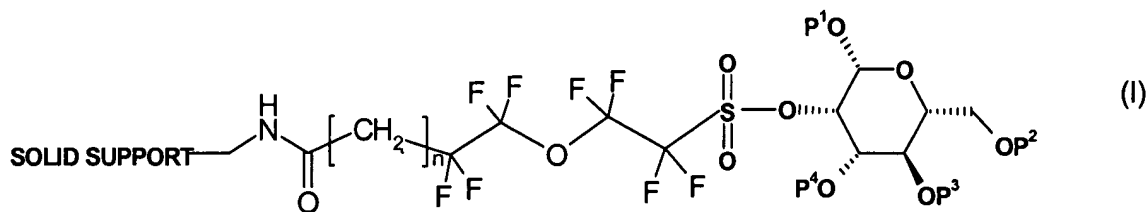
Please amend page 39, line 1 as follows:

**Claims What is claimed is:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) A compound of formula (I):



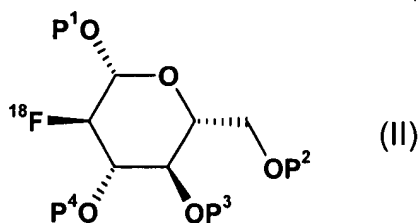
wherein  $\text{P}^1$ ,  $\text{P}^2$ ,  $\text{P}^3$ , and  $\text{P}^4$  are each independently hydrogen or a protecting group;  
and  $n$  is an integer of from 2 to 20.

2. (Original) A compound of formula (I) according to claim 1 in which  $n$  is 4 to 12.

3. (Currently amended) A compound of formula (I) according to claim 1 ~~or 2~~ in which  $n$  is 6 to 10.

4. (Currently amended) A compound of formula (I) according to ~~any of claims 1 to 3~~  
claim 1 in which  $n$  is 10.

5. (Currently amended) A process for the production of 2- $^{18}\text{F}$ -fluoro-2-deoxy-D-glucose ( $^{18}\text{F}$ -FDG) which comprises treatment of a compound of formula (I) according to ~~any of~~  
claims 1 to 4claim 1,  
with  $^{18}\text{F}^-$  to produce the labelled tracer of formula (II)

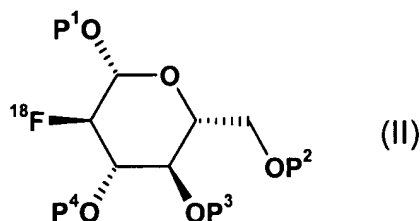


wherein  $P^1$ ,  $P^2$ ,  $P^3$ , and  $P^4$  are each independently hydrogen or a protecting group; optionally followed by

- (i) removal of excess  $^{18}\text{F}^-$ , for example by ion-exchange chromatography; and/or
- (ii) removal of the protecting groups; and/or
- (iii) removal of organic solvent; and/or
- (iv) formulation of the resultant compound of formula (II) as an aqueous solution.

6. (Currently Amended) A radiopharmaceutical kit for the preparation of  $^{18}\text{F}$ -FDG for use in PET, which comprises:

- (i) a vessel containing a compound of formula (I) according to ~~any of claims 1 to 4~~ ; claim 1 and
- (ii) means for eluting the vessel with a source of  $^{18}\text{F}^-$  ;
- (iii) an ion-exchange cartridge for removal of excess  $^{18}\text{F}^-$ ; and optionally
- (iv) a cartridge for solid-phase deprotection of the resultant product of formula (II) as ~~defined in claim 5~~ .



7. (Currently amended) A cartridge for a radiopharmaceutical kit for the preparation of an  $^{18}\text{F}$ -FDG for use in PET which comprises:

- (i) a vessel containing a compound of formula (I) according to ~~any of claims 1 to 4~~claim 1; and
- (ii) means for eluting the vessel with a source of  $^{18}\text{F}^-$  .

8. (Currently amended) A method for obtaining a diagnostic PET image which comprises the step of using a radiopharmaceutical kit or a cartridge for a radiopharmaceutical kit according to claim 6 ~~or~~ 7.